

Title (en)

A SYSTEM FOR COMPUTING EXPOSURE TO SOLAR RADIATION OF AN INDIVIDUAL

Title (de)

SYSTEM ZUR BERECHNUNG DER EXPOSITION GEGENÜBER SONNENSTRAHLUNG EINES INDIVIDUUMS

Title (fr)

SYSTÈME DE CALCUL D'EXPOSITION À UN RAYONNEMENT SOLAIRE D'UN INDIVIDU

Publication

**EP 3427020 A1 20190116 (EN)**

Application

**EP 17718730 A 20170306**

Priority

- IT UA20161393 A 20160307
- IB 2017000213 W 20170306

Abstract (en)

[origin: WO2017153832A1] System for calculating the exposure to sun radiation received on the different parts of the body by a person, comprising a wearable device (1) that communicates with a telecommunication mobile device (2) and a remote computing unit (3) operatively connected to satellites (4) to receive georeferenced data related to solar irradiation over time and set to associate the solar irradiance data to the geographical position, the posture and the orientation of the person (P) or of parts of the person's body.

IPC 8 full level

**G01J 1/42** (2006.01); **G01J 1/02** (2006.01)

CPC (source: EP KR RU US)

**A61B 5/441** (2013.01 - RU US); **G01J 1/0219** (2013.01 - US); **G01J 1/0242** (2013.01 - RU US); **G01J 1/0266** (2013.01 - EP KR US); **G01J 1/429** (2013.01 - EP KR US); **H04L 67/12** (2013.01 - US); **G01J 2001/0257** (2013.01 - US); **G01J 2001/4266** (2013.01 - US); **G01J 2001/4276** (2013.01 - US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2017153832 A1 20170914**; AU 2017231882 A1 20180906; AU 2017231882 B2 20211202; BR 112018067915 A2 20190129; CA 3016283 A1 20170914; CA 3016283 C 20230926; CN 108700458 A 20181023; CN 108700458 B 20210504; EP 3427020 A1 20190116; IT UA20161393 A1 20170907; JP 2019515250 A 20190606; JP 6990191 B2 20220112; KR 20180122363 A 20181112; RU 2018134666 A 20200408; RU 2018134666 A3 20200706; RU 2750058 C2 20210621; US 10365155 B2 20190730; US 10823609 B2 20201103; US 2019078932 A1 20190314; US 2019323884 A1 20191024; ZA 201806560 B 20200129

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